

Form PTO-1449 (modified)

DEC 19 2003

## List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.  
AMBI:086USSerial No.  
10/667,126Applicant  
Richard C. ConradFiling Date:  
September 19, 2003Group:  
Unknown

## U.S. Patent Documents

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## Foreign Patent Documents

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## Other Art

See Page 1

**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
TK	A1	5,155,018	11/13/92	Gillespie and Cuddy	435	91	7/10/91
	A2	5,234,809	8/10/93	Boom <i>et al.</i>	435	91	7/1/91
	A3	5,990,302	11/23/99	Kuroita <i>et al.</i>	536	25.4	7/11/97
	A4	6,043,354	3/28/00	Hillebrand and Bendzko	536	25.42	7/16/96
	A5	6,110,363	8/29/00	Hillebrand and Bendzko	210	198.2	4/8/99
↓	A6	6,180,778	1/30/01	Bastian <i>et al.</i>	536	25.4	8/8/96

**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
TK	B1	EP 0 389 063	3/22/90	Europe			

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

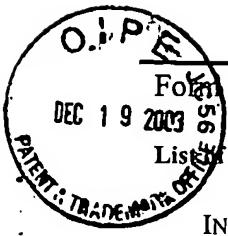
Exam. Init.	Ref. Des.	Citation
TK	C1	Boom <i>et al.</i> , "Rapid and simple method for purification of nucleic acids," <i>J. Clin. Microbiol.</i> , 28(3):495-503, 1990.
	C2	Carrington <i>et al.</i> , "Role of microRNAs in plant and animal development," <i>Science</i> , 301:336-338, 2003.
	C3	Chomczynski and Sacchi, "Single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction," <i>Anal. Biochem.</i> , 162(1):156-159, 1987.
	C4	Fire <i>et al.</i> , "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," <i>Nature</i> , 391(6669):806-811, 1998.
	C5	Hamilton and Baulcombe, "A species of small antisense RNA in posttranscriptional gene silencing in plants," <i>Science</i> , 286(5441):950-952, 1999.
↓	C6	Lagos-Quintana <i>et al.</i> , "Identification of novel genes coding for small expressed RNAs," <i>Science</i> , 294(5543):853-858, 2001.

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



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## Other Art

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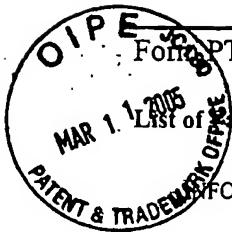
Exam. Init.	Ref. Des.	Citation
TK	C7	Lau <i>et al.</i> , "An abundant class of tiny RNAs with probable regulatory roles in <i>Caenorhabditis elegans</i> ," <i>Science</i> , 294(5543):858-862, 2001.
	C8	Lee and Ambros, "An extensive class of small RNAs in <i>Caenorhabditis elegans</i> ," <i>Science</i> , 294(5543):862-864, 2001.
	C9	Lee <i>et al.</i> , "The <i>C. elegans</i> heterochronic gene lin-4 encodes small RNAs with antisense complementarity to lin-4," <i>Cell</i> , 75(5):843-854, 1993.
	C10	Pasquinelli <i>et al.</i> , "Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA," <i>Nature</i> , 408(6808):86-89, 2000.
	C11	Patterson and Guthrie, "An essential yeast snRNA with a U5-like domain is required for splicing <i>in vivo</i> ," <i>Cell</i> , 49(5):613-624, 1987.
	C12	Peacock and Dingman, "Resolution of multiple ribonucleic acid species by polyacrylamide gel electrophoresis" <i>Biochemistry</i> , 6(6):1818-1827, 1967.
	C13	Tang <i>et al.</i> , "A biochemical framework for RNA silencing in plants," <i>Genes Dev.</i> , 17(1):49-63, 2003.
	C14	Timmons, "The long and short of siRNAs," <i>Mol. Cell.</i> , 10(3):435-437, 2002.
	C15	Zamore <i>et al.</i> , "RNAi: double-stranded RNA directs the ATP-dependent cleavage of mRNA at 21 to 23 nucleotide intervals," <i>Cell</i> , 101(1):25-33, 2000.
▼	C16	"Silencer siRNA Construction Kit: large scale synthesis and purification of siRNAs," Ambion, Inc., <a href="http://www.ambion.com">www.ambion.com</a> , p.1-10, 2003.

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EXAMINER: /Taeyoon Kim/

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Atty. Docket No. AMBI:086US		Serial No. 10/667,126
Applicant Richard C. Conrad		
Filing Date: September 19, 2003		Group: 1651
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 1</i>	Other Art <i>See Page 1</i>

### U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

### Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
TK	C17	"mirVana miRNA isolation kit: instruction manual," <a href="http://www.ambion.com/techlib/prot/fm_1560.pdf">http://www.ambion.com/techlib/prot/fm_1560.pdf</a> , 2004.
TK	C18	"RiboPure WBC: instruction manual," <a href="http://web.archive.org/web/20030417123134/www.ambion.com/techlib/prot/fm_1903.pdf">http://web.archive.org/web/20030417123134/www.ambion.com/techlib/prot/fm_1903.pdf</a> , 2003.
TK	C19	Stellrecht and Gandhi, "Concurrent isolation of ribosomal, messenger, and low molecular weight RNA," <i>Biotechniques</i> , 33(5):1122-1124, 2002.

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